



CATALOGUE

SINGLE POLE FUSE BASE

TYP **SP**

12, 25 a 38,5 kV; 2 – 100 A

Unser Handelspartner in Deutschland



ISO 9001:2009
ISO 14001:2005

ivep[®]

GENERAL INFORMATION

The fuse base meets the requirements of the ČSN EN 60282-1 edition 3. The insulation level complies with the No. I contamination class without the necessity of maintenance, as defined by the CSN 33 0405 standard, and to the following interrelated standards:

- ČSN EN 62271-1

ČSN EN 50423-1: Erection of outdoor electrical power lines with rated voltage level until 45 kV.

The base frame is made of hot galvanized profiled steel sheets (the hot galvanization serving as a protection against corrosion).

Fuse bases are available in single version and can be designed to more polar groups. The frames of these reports are not included

All the current-carrying parts of the fuse bases are made of galvanically produced and silver coated electrolytical copper material. The interconnection parts installed in the current-carrying paths are made of stainless steel. The fuse holders are made of nickel coated hard copper.

The fuse bases are delivered together with supporting insulators, made of cycloaliphatic resin, or with silicon or ceramic insulation supports.

OPERATING CONDITIONS

Highest ambient temperature	
Fuse insert to 63 A	+ 50°C
Fuse insert over 63 A	+ 40°C
Lowest ambient temperature	- 50 °C
Relative air humidity	100 %
Air pressure not to exceed	700 Pa (34 m/s)
Ice to appear on the switch body must not to exceed	20 mm thickness (class 20)
Altitude up to	1000 m
Degree of contamination according to ČSN 33 0405	III

INSTALLATION AND COMMISSIONING

The SP type fuse bases are attached with two or four M12 bolts to the base plate, and supplied to a specific demand of the customer.

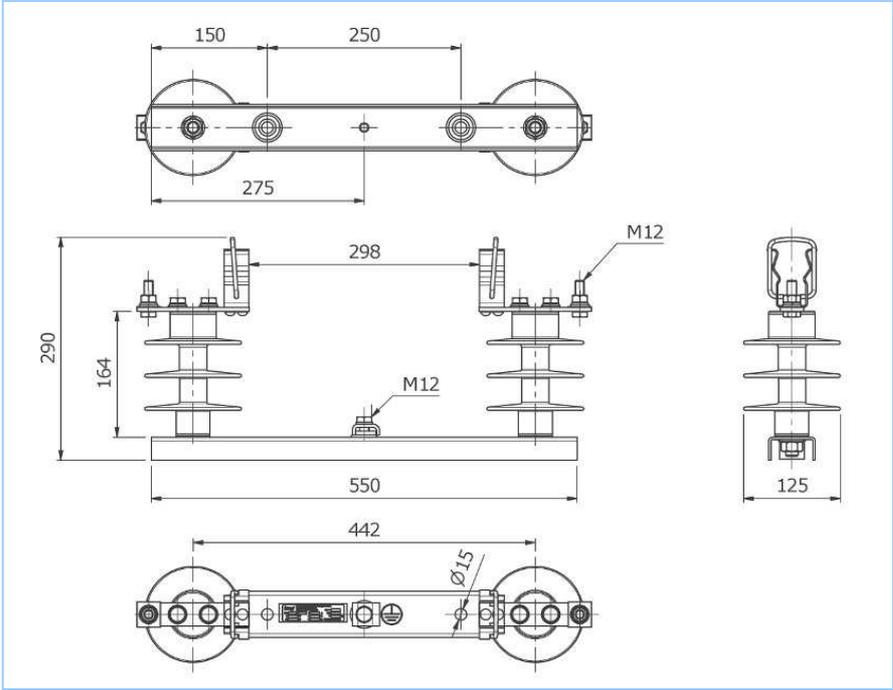
PACKING, TRANSPORT, STORAGE

The single-pole fuse bases are secured to and delivered on transport pallets. When stored, the effect of dust should be prevented and also a protection of the devices against mechanical damage should be provided.

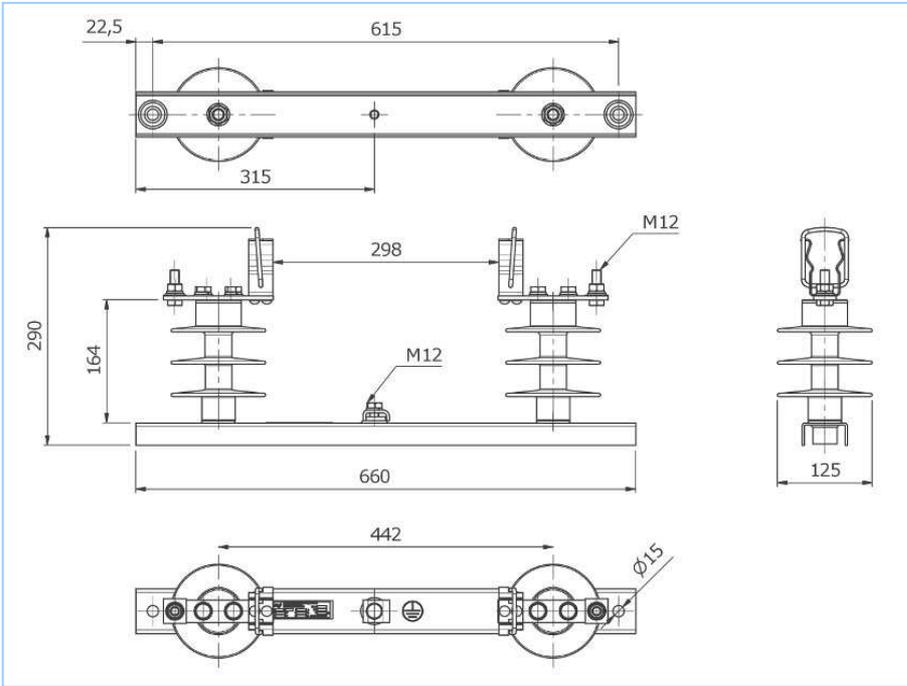
All used packing materials are fully recyclable.

SINGLE POLE FUSE SP 12

Version 1

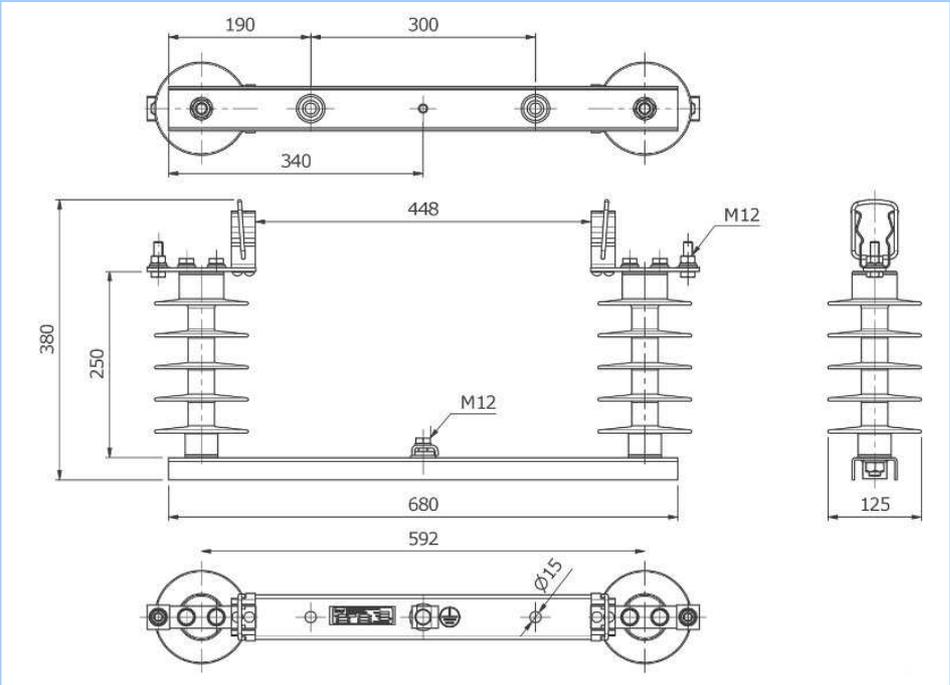


Version 2

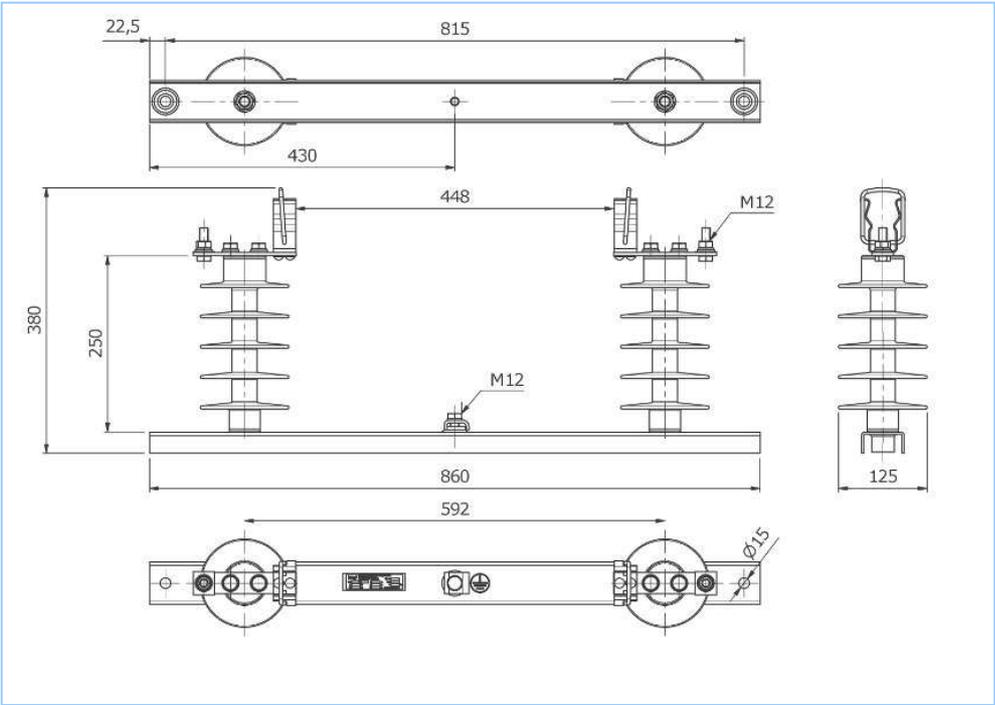


SINGLE POLE FUSE SP 25

Version 1

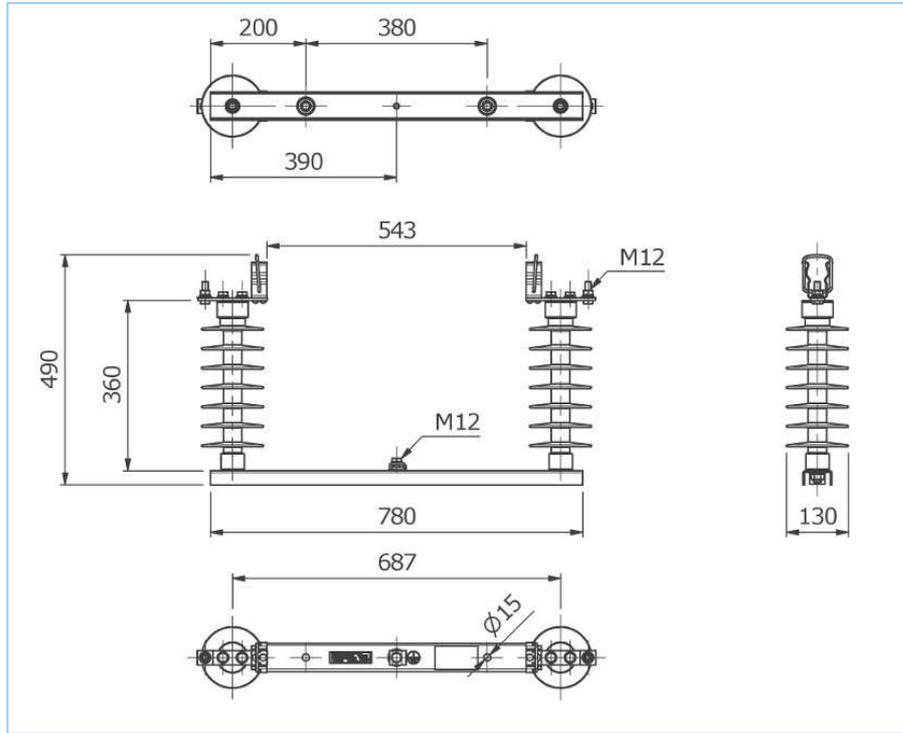


Version 2

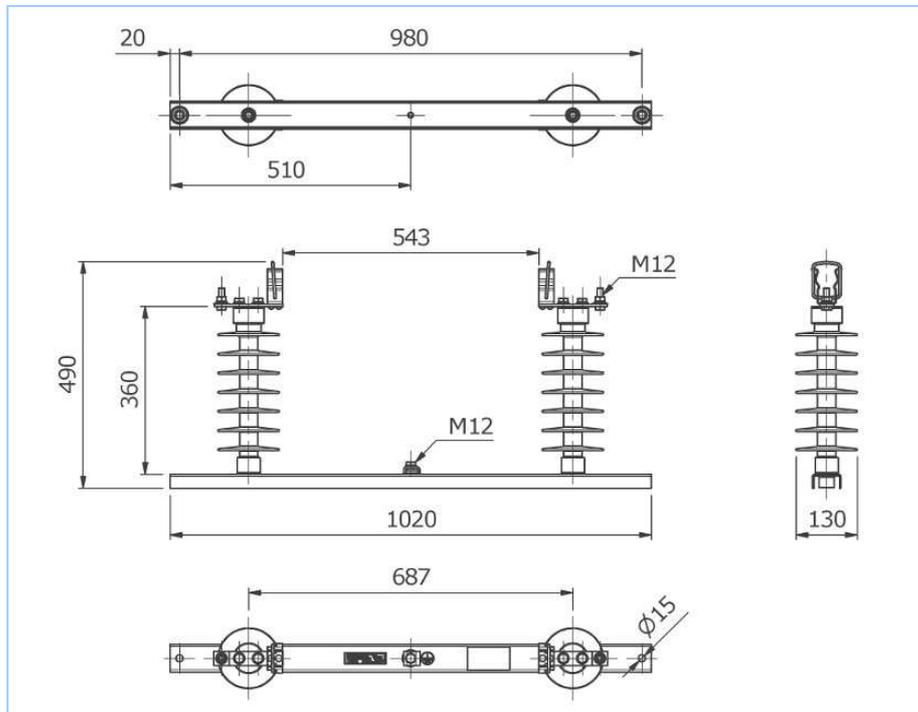


SINGLE POLE FUSE SP 38,5

Version 1



Version 2



TYPE DESIGNATION CODING OF THE SP

TYPE DESIGNATION CODING OF THE SP			
Basic design		SP	
Rated voltage	12 kV	12	
	25 kV	25	
	38,5 kV	38	
Rated current	2 - 100 A	100 max	
Insulators:	- porcelain	P	
	- epoxi	E	
	- silicone rubber	S	
- version:	1	1	
	2	2	

Example of coding when placing and order:
SP 25.100.S.1

ORDERING DATA

When ordering it is necessary to specify the following:

- coding data as shown above
- number of pieces required
- type overvoltage limiters
- type insulator

Any other special requirements imposed on the device.



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